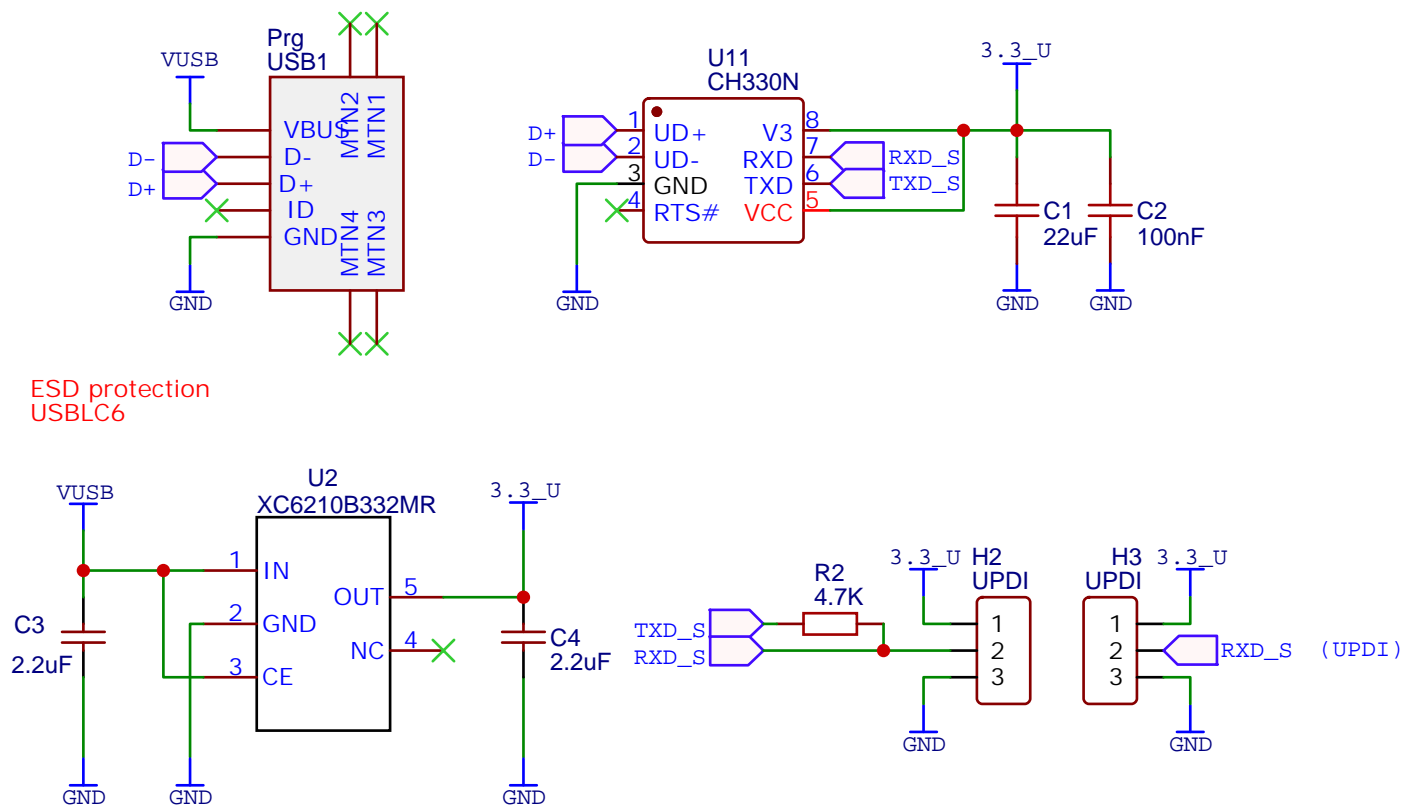
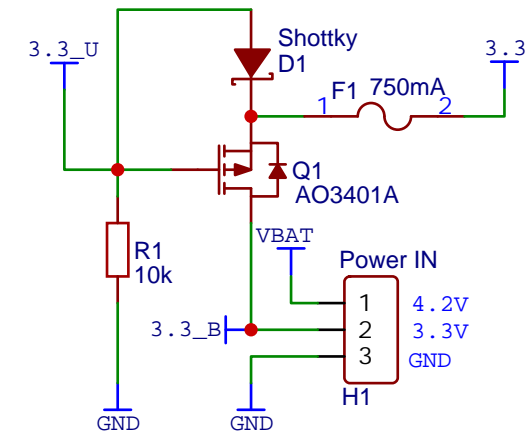


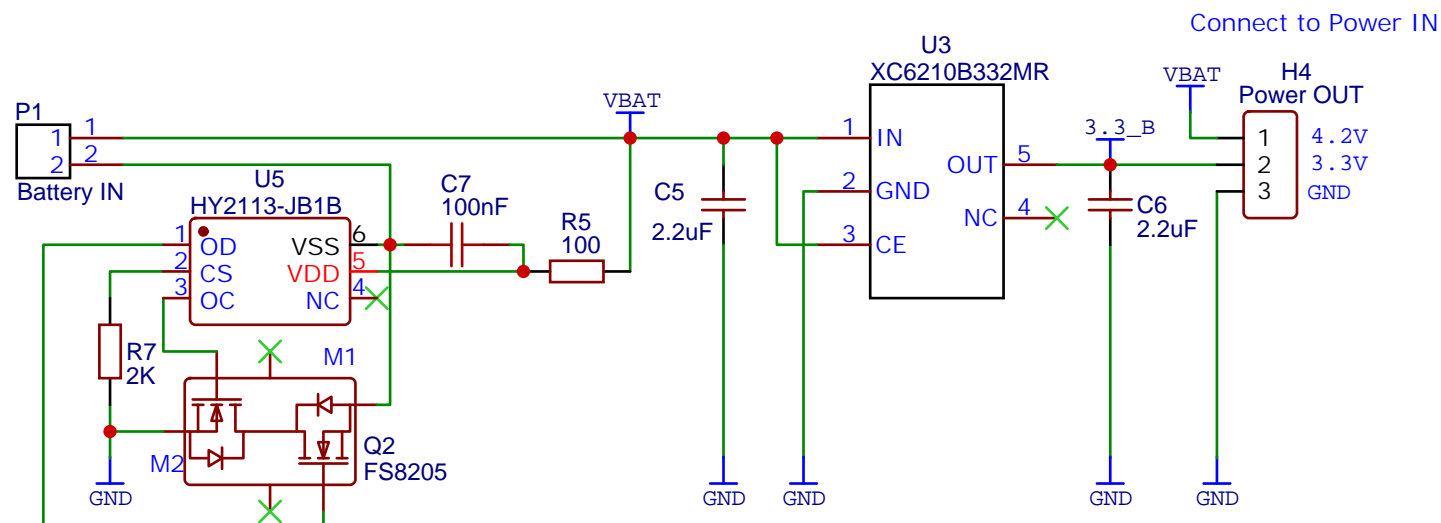
<https://github.com/mraardvark/pyupdi>



Prio on 3.3V from USB



Lipo Protection / Power out

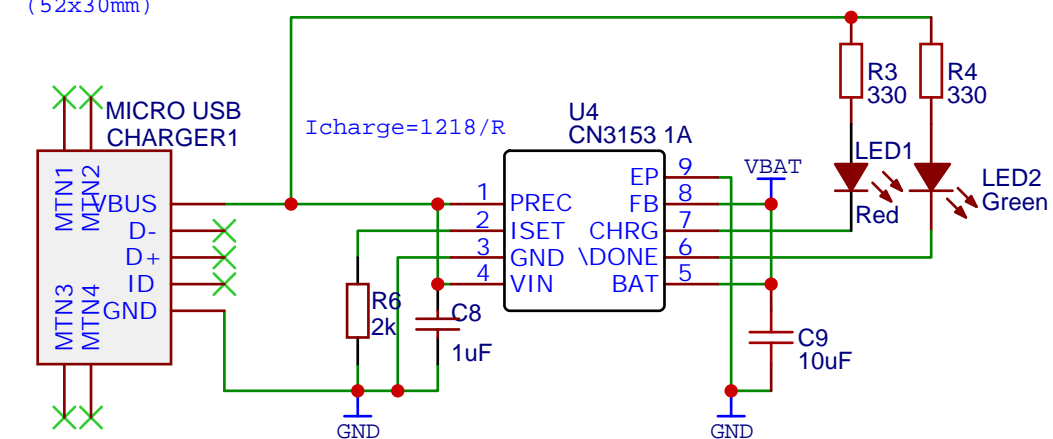



BAT- is connected if status is ok

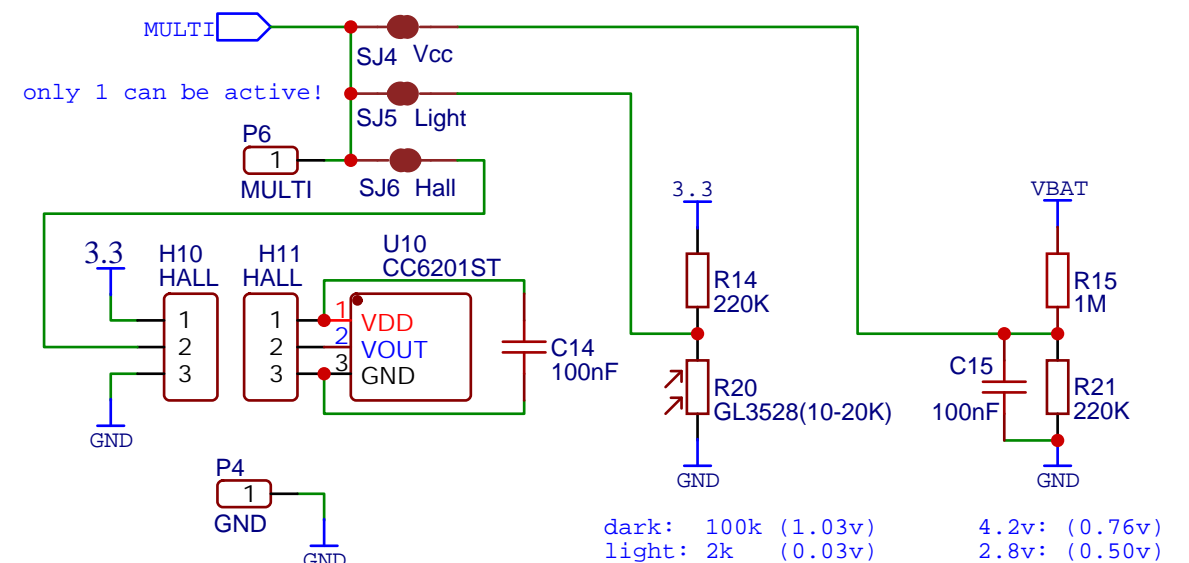
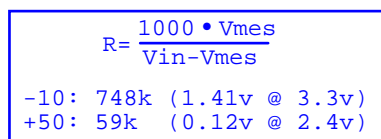
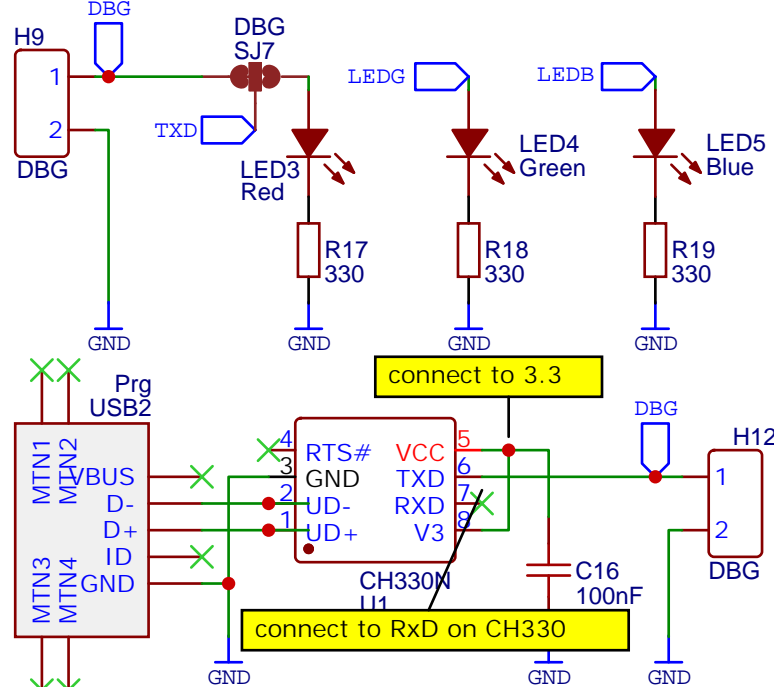
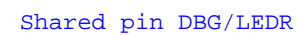
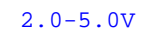
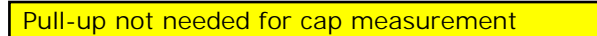
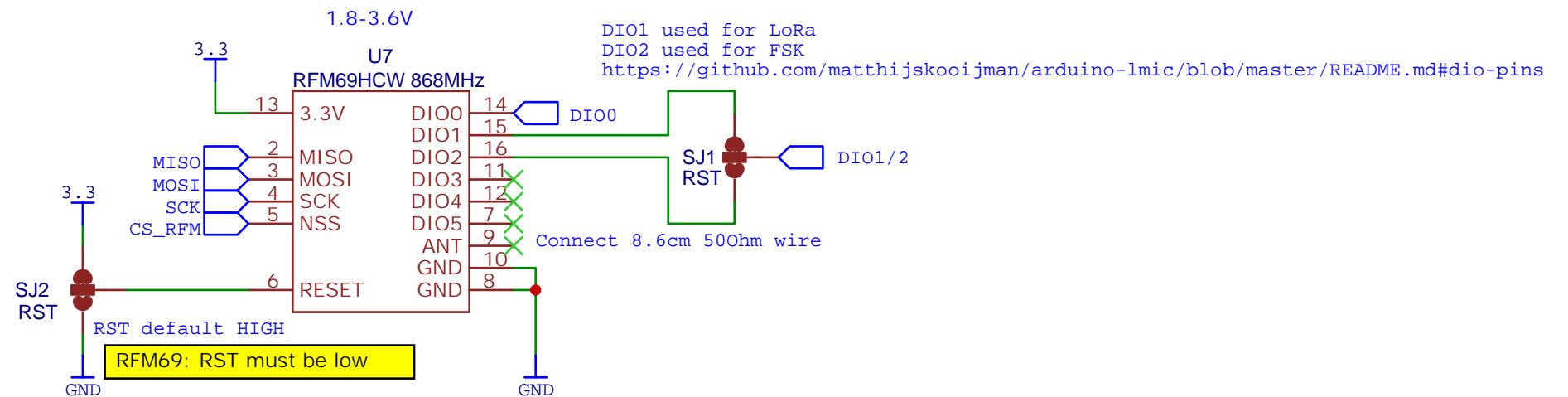
```
overcharge 4.275 +/- 25mV
undercharge: 2.8 V
current: Ron = Voip/(2*Imax)
Discharge 2A (Voip: 150mA)
Charge 1.35A (Voip: -100mA)
Ron = 28-37mOhm
```

## Lipo Charger

3.8-6V/0.6A - 3.7v/1200mAh 903052  
(52x30mm)



TITLE: Periphery		REV: 1.0
	Company: Compima GmbH	Sheet: 1/1
	Date: 2020-02-05      Drawn By: vkbs	



TITLE: Main		REV: 0.1
	Company: Compima GmbH	Sheet: 1/1
	Date: 2020-02-01      Drawn By: vkbs	